

**THE AMENDMENTS**

**In the Claims**

Claims 1-6 (cancelled).

7. (original) A method of diagnosing prostate cancer comprising:
- a) determining the expression of a gene encoding PBH1 or a fragment thereof in a first colon tissue of a first individual and
  - b) comparing said expression of said gene(s) from a second normal colon tissue from said first individual or a second unaffected individual; wherein a difference in said expression indicates that the first individual has prostate cancer.

Claims 8-39 (cancelled).

40. (new) The method of Claim 7, wherein said PBH1 is at least 45% identical to the amino acid sequence of SEQ ID NO: 2.
41. (new) The method of Claim 40, wherein said PBH1 is at least 60% identical to the amino acid sequence of SEQ ID NO: 2.
42. (new) The method of Claim 41, wherein said PBH1 is at least 95% identical to the amino acid sequence of SEQ ID NO: 2.
43. (new) The method of Claim 42, wherein said PBH1 has the amino acid sequence set forth in SEQ ID NO: 2
44. (new) The method of Claim 7, wherein said fragment is identical to the amino acid and sequence of SEQ ID NO: 3, SEQ ID NO: 4 or SEQ ID NO: 5.
45. (new) The method of Claim 7, where said fragment has at least one PBH1 bioactivity.